

Part 2 -- Amendments to the Specification

1. Replace the paragraph on page 8, lines 19-21, with the following paragraph:

Fig. 2 is an enlarged and exploded downward-looking perspective view of the top of a top human interface portion and the top of a bottom base portion of the seat cushion shown in Fig. 1, with a small area on both portions showing details of the construction of the portions.

2. Replace the paragraph on page 8, lines 22-23, with the following paragraph:

Fig. 3 is an upward-looking perspective view of the bottom of the top human interface portion and the bottom of the base portion shown in Fig. 2, with a small area on both portions showing details of the construction of the portions.

3. Replace the paragraph on page 13, lines 20-28, with the following paragraph:

The interlocking structure 52 is of a consistent configuration among all of the different types of human interface portions 26 and base support portions 28. The protrusion 54 and the lower surface 56 of the human interface portion 26 have consistent shapes and dimensions on all of the different types of human interface portions 26. Similarly, the recess 58 and the upper surface 60 of the base portion 28 have consistent shapes and dimensions on all of the base portions 28. Consequently, any of the different types of human interface portions 26 will interconnect, mate and interfit with any of the different types of the base portions 28. As shown in Figs. 2, 3 and 4, the contour of the protrusion 54 and the lower surface 56 is substantially different from the support contour 32 of the upper surface of the human interface portion 26.

4. Replace the paragraph on page 18, line 18 to page 19, line 2, with the following paragraph:

The human interface portion 26 and the base portion 28 may be formed of flexible support material such as moldable plastic foam. One particularly advantageous type of material from which to make the human interface portion 26 and the base portion 28 is plastic beads 87, as generally shown in Figs. 2 and 3 and as is described more completely in U.S. patent applications Serial Nos. 10/628,858 and 10/628,860. The plastic bead material is fused together in such a way that spaces exist between the individual fused beads 87. The spaces between the individual fused beads 87 make the portions 26 and 28 breathable in the sense that air will move through them, thereby providing ventilation through the cushion to the user. In addition, the base portion 28 may be formed somewhat more rigidly and having less flexibility than the human interface portion 26, to add structural stability to the cushion 20. The human interface portion 26 may be somewhat more flexible to accommodate interaction with the user's anatomy. The differences in flexibility and rigidity may be accommodated by using different sizes and resiliencies of plastic beads and different degrees of compaction of those plastic beads when fusing them together, as described in U.S. patent applications Serial Nos. 10/628,858 and 10/628,860.